



AF 1744

[10191/1146]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Harald NEUMANN
Serial No. : 09/369,767
Filed : August 6, 1999
For : ARRANGEMENT FOR WIRING AN
ELECTROCHEMICAL SENSOR
Examiner : Kaj K. Olsen
Group Art Unit : 1744

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Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT IN RESPONSE TO OFFICE ACTION
UNDER 37 C.F.R. § 1.116

SIR:

In response to the Final Office Action dated January 3, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 2, 4, 9 and 12 as follows:

2. (Twice Amended) The sensor according to claim 1, further comprising an arrangement for providing a negative operating voltage so that coupling of a heater voltage is effectively blocked and wherein the negative operating voltage is applied to the negatively polarized electrode.
4. (Twice Amended) The sensor according to claim 2, further comprising a circuit arrangement for analyzing a negative probe voltage (U_s), and wherein the negative operating voltage (U_b) powers the circuit arrangement.